

### Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

#### Listing of Claims:

Claim 1 (Currently Amended). A seed of soybean variety XB32Y04, representative seed of said soybean variety XB32Y04 having been deposited under ATCC Accession No. [[\_\_\_\_\_.]] PTA-6666.

Claim 2 (Original). A soybean plant, or a part thereof, produced by growing the seed of claim 1.

Claim 3 (Original). The soybean plant part of claim 2, wherein said part is pollen.

Claim 4 (Original). The soybean plant part of claim 2, wherein said part is an ovule.

Claim 5 (Original). A tissue culture of protoplasts or regenerable cells produced from the plant of claim 2.

Claim 6 (Original). The tissue culture according to claim 5, wherein the cells or protoplasts are produced from a plant tissue selected from the group consisting of leaf, pollen, cotyledon, hypocotyl, embryos, root, pod, flower, shoot and stem.

Claim 7 (Currently Amended). A soybean plant regenerated from the tissue culture of claim 5 having all the morphological and physiological characteristics of soybean variety XB32Y04, representative seed of said soybean variety XB32Y04 having been deposited under ATCC Accession No. [[\_\_\_\_\_.]] PTA-6666.

Claim 8 (Currently Amended). A method for producing a progeny soybean plant comprising crossing the plant of claim 2 with a different soybean plant, harvesting the resultant soybean seed, and growing a soybean plant.